

JOURNAL DNA Seq. 6 (3), 127-135 (1996)

96293857 MEDLINE PUBMED 8722567

FEATURES Location/Qualifiers

1..2009 source

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2009

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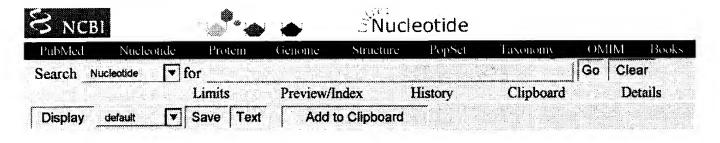
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Related Sequences, Protein, Taxonomy

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            Mutation of Arabidopsis chloroplastic phosphoglucose isomerase
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  JOURNAL
            Unpublished
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  AUTHORS
            Yu, T.S., Lue, W.L., Wang, S.M. and Chen, J.
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transit peptide 338..556

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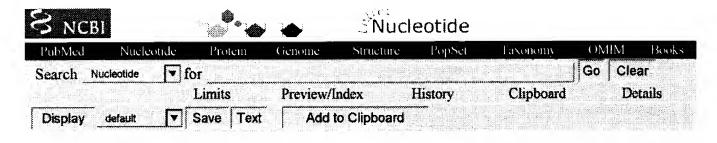
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Taxonomy

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GenBank gi:

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CLONE INFO

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(51)

DNA type:

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PRIMERS

Sequencing:

T3 Primer

PolyA Tail:

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SEQUENCE

TGGG

Entry Created:

Jun 11 1999

Last Updated:

Jun 11 1999

PUTATIVE ID

Assigned by submitter

(AF045286) GDP-4-keto-6-deoxy-D-mannose-3

,5-epimerase-4-reductase [Arabidopsis thaliana]

LIBRARY

Lib Name:

Six-day Cotton fiber

Organism:

Gossypium hirsutum

Cultivar:

Acala Maxxa immature fiber

Tissue type:

Develop. stage: Six days post anthesis

Lab host:

XL1-Blue

Vector:

pBluescript II KS+

SUBMITTER

Name:

Ben Burr

Lab:

Biology Department

Institution:

Brookhaven National Laboratory

Address:

Upton, NY 11973, USA

Tel:

516-344-3396

NCBI Sequence Viewer

Fax:

516-344-3407

E-mail:

burr@bnlux1.bnl.gov

CITATIONS

Title:

ESTs from developing cotton fiber

Authors:

Blewitt, M., Matz, E.C., Davy, D.F., Burr, B.

Year:

1999

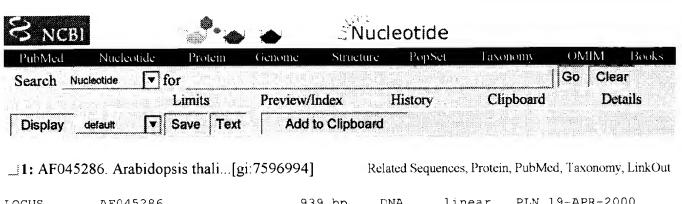
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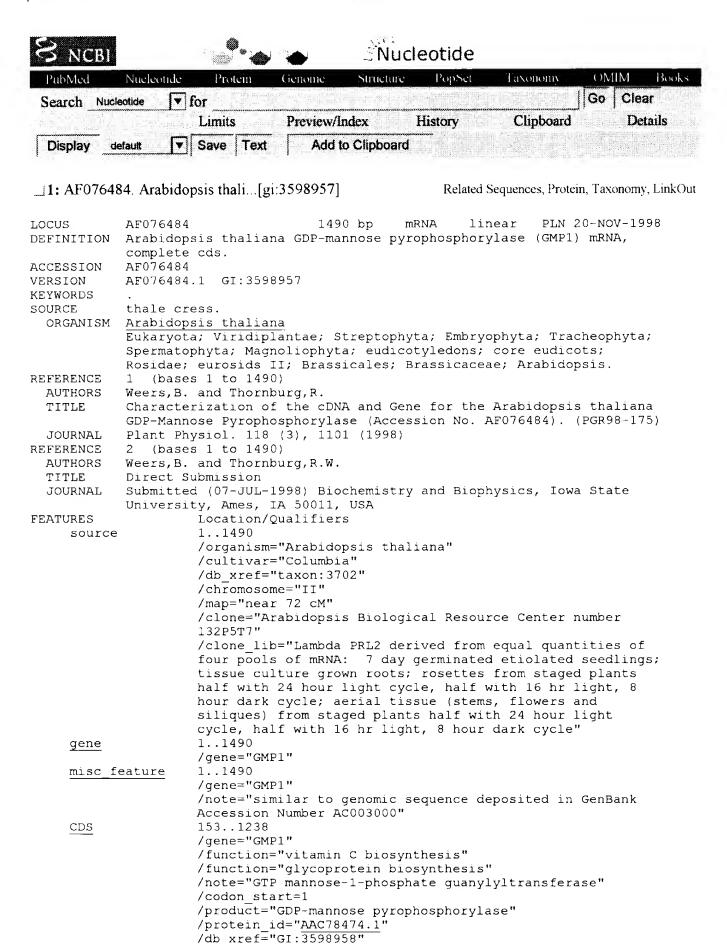
<u>Disclaimer | Write to the Help Desk</u> <u>NCBI | NLM | NIH</u>



linear PLN 19-APR-2000 939 bp DNA LOCUS AF045286 DEFINITION Arabidopsis thaliana GDP-4-keto-6-deoxy-D-mannose-3,5-epimerase-4-reductase (GER1) gene, complete cds. ACCESSION AF045286 VERSION AF045286.3 GI:7596994 KEYWORDS SOURCE thale cress. ORGANISM Arabidopsis thaliana Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Rosidae; eurosids II; Brassicales; Brassicaceae; Arabidopsis. (bases 1 to 939) REFERENCE Bonin, C.P. and Reiter, W.D. **AUTHORS** A bifunctional epimerase-reductase acts downstream of the MUR1 gene TITLE product and completes the de novo synthesis of GDP-L-fucose in Arabidopsis Plant J. 21 (5), 445-454 (2000) **JOURNAL** 20223138 MEDLINE 10758496 PUBMED (bases 1 to 936) REFERENCE 2 Bonin, C.P., Potter, I., Vanzin, G.F. and Reiter, W.-D. **AUTHORS** Direct Submission TITLE Submitted (29-JAN-1998) Molecular and Cell Biology, University of **JOURNAL** Connecticut, 75 North Eagleville Road, Storrs, CT 06269, USA REFERENCE (bases 1 to 936) 3 **AUTHORS** Bonin, C.P. Direct Submission TITLE Submitted (08-OCT-1999) Molecular and Cell Biology, University of JOURNAL. Connecticut, 75 North Eagleville Road, Storrs, CT 06269, USA Sequence update by submitter REMARK (bases 1 to 939) REFERENCE 4 Reiter, W.-D. AUTHORS Direct Submission TITLE Submitted (19-APR-2000) Molecular and Cell Biology, University of JOURNAL Connecticut, 75 North Eagleville Road, Storrs, CT 06269, USA Sequence update by submitter REMARK COMMENT On Apr 19, 2000 this sequence version replaced gi:6016478. **FEATURES** Location/Qualifiers 1..939 source /organism="Arabidopsis thaliana" /cultivar="Columbia ecotype" /db xref="taxon:3702" <1..>939 gene /gene="GER1" mRNA <1..>939 /gene="GER1" /product="GDP-4-keto-6-deoxy-D-mannose-3, 5-epimerase-4-reductase" CDS 1..939 /gene="GER1" /note="enzyme in pathway for de novo synthesis of

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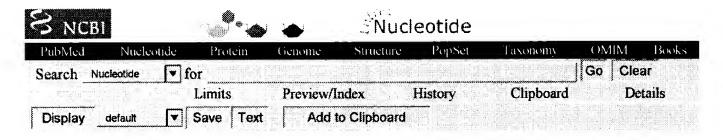
Revised: October 24, 2001.

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Taxonomy

IDENTIFIERS

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2635998

EST name: GenBank Acc:

BNLGHi6495 AI726749

GenBank gi:

5045601

CLONE INFO

Clone Id:

(51)

DNA type: CDNA

PRIMERS

Sequencing:

T3 Primer

PolyA Tail:

Unknown

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Entry Created: Last Updated:

Jun 11 1999 Jun 11 1999

Assigned by submitter

PUTATIVE ID

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Cultivar: Tissue type: Acala Maxxa immature fiber

Develop. stage:

Lab host:

Six days post anthesis

XL1-Blue

Vector:

pBluescript II KS+

SUBMITTER

Name:

Ben Burr

Lab:

Biology Department

Institution:

Brookhaven National Laboratory

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Tel:

516-344-3396

NCBI Sequence Viewer

Fax:

516-344-3407

E-mail:

burr@bnlux1.bnl.gov

CITATIONS

Title:

ESTs from developing cotton fiber

Authors:

Blewitt, M., Matz, E.C., Davy, D.F., Burr, B.

Year:

1999

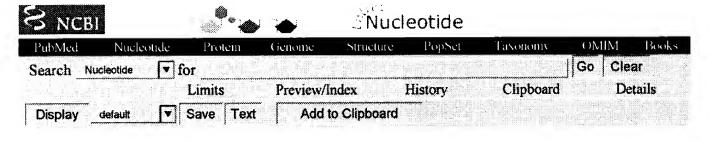
Status:

Unpublished

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Revised: October 24, 2001.

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Related Sequences, Protein, Taxonomy, LinkOut

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  JOURNAL
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  AUTHORS
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            Medical Center Dr., Rockville, MD 20850, USA
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